



2011 "VOLUNTEERS WORKING WITH INVASIVES" GRANTS REPORT FORM

Display Report

PROJECT BACKGROUND INFORMATION

Project Title:	Invasive species inventory, monitoring, and control on Sheldon-Hart Mountain NWRC	
Region: Use region number ONLY	1	
Station:	Sheldon NWR and Hart Mountain NAR	
Contact Person: Name and Phone Number	Jeff Mackay (541) 947-2731	
Project Description: (Up to 250 words)	Beginning in 2009/2010, the Sheldon/Hart Refuge Complex re-focused efforts to inventory, monitor, and control invasive plant species to allow for better adaptive habitat management. Inventory and monitoring is necessary to identify areas at risk for increased invasive species incursion, to quickly and accurately detect new introductions of invasive species, and to quickly prevent or control invasive species before they dominate a major portion of the landscape (EDRR). We have partnered with volunteers and other agencies and as a result, to date more than 26,500 acres have been mapped for invasive species and over 500 acres were treated for noxious weeds in 2010 alone. The purpose of this project was to continue and build on these efforts.	
List of Invasives Species Targeted:	Common Name	Scientific Name
	hoary cress (whitetop)	<i>Cardaria draba</i>
	Canada thistle	<i>Cirsium arvense</i>
	bull thistle	<i>Cirsium vulgare</i>
	Scotch thistle	<i>Onopordum acanthium</i>
	cheatgrass	<i>Bromus tectorum</i>
	Mediterranean sage	<i>Salvia aethiopis</i>
	western juniper	<i>Juniperus occidentalis</i>
Project Status:	Completed	
Project Completion Date or Estimated Completion Date: (mm/dd/yyyy)	09/30/2011	

VOLUNTEER INFORMATION

Volunteer Affiliation: (Check all that apply)	VA_FriendsGrp	VA_Other
Volunteer Involvement: Describe the type of work the volunteers performed. (Up to 150 words)	Volunteers participated in herbicide application and helped pull invasive plants as well as cut invasive juniper trees. Our volunteers also assisted in invasive plant surveys throughout the Refuges.	
Total Number of Volunteers:	21	
Total Number of Volunteer Hours:	705.5	
Partnerships: List both new and existing partnerships utilized in this project. (Up to 150 words).	Partners are: Oregon Department of Agriculture, Friends of Hart Mountain NAR, and Oregon Hunters Association.	

PROJECT RESULTS

Project Results: Give an overview of the results of the project. Include quantifiable measure of success, such as maps produced, efficacy of control measures, number of sites where invasions were detected early and responded to, number of community contacts, etc. (Up to 250 words).	Through working with volunteers and partners, more than 380 acres were treated for invasive plant species and approximately 1,675 acres were successfully surveyed and mapped throughout the Refuges. Many large meadows were surveyed and spot treated with herbicide, as well as other smaller areas throughout the Refuges. Through these efforts we were able to create baseline maps that will provide more information and allow us to continue on and move forward with our invasive species inventory, monitoring and control efforts.
Number of Acres Treated:	382.5
Number of Acres Inventoried and/or Mapped:	1,675
Number of Acres Restored:	0

BUDGET INFORMATION

Budget: Account for funds in broad categories such as equipment, volunteer stipends, travel, coordinator salary/contract, etc.

Total Grant Amount:	\$ \$10,520.00
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Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment / Supplies	\$5,000.00	47.5%
Chemical		
Biocontrol Agents		
Travel		
Volunteer Stipends	\$5,520.00	52.5%
Volunteer Coordinator Salary/Contract		
Restoration Materials		
Other		
TOTAL	\$10,520.00	100%

Recommendations: (OPTIONAL) How useful was this program for meeting refuge	Funding from grants is crucially important for meeting the goals set forth by these two Refuges related to invasive species. Grant
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invasive species objectives and how can it be improved?

funds are used to continue and expand on control and survey efforts of invasive plants that have occurred throughout the years.

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